

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

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CATEGORY: Air Sampling Smoke Detector

LISTEE: Vision Systems Inc., 35 Pond Park Road, Hingham, MA 02043
Contact: *Wes Marcks (781) 740-2223 FAX (781) 740-4433

DESIGN: Model VESDA LASER PLUS and VESDA LASER PLUS SCANNER air sampling type smoke detectors. Each unit consists of resistors, capacitors, diodes, transistors, photodiodes, LED, mounted on a printed wiring board inside an enclosure which has an opening to the outside air via a pump. The pump draws in air which passes through a detector head using a laser. Refer to listee's data sheet for additional detailed product description and operational considerations.

RATING: 24 VDC

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction.
Unit must provide the required 24 hours battery back-up.

MARKING: Listee's name, model number, electrical rating and UL label.

APPROVAL: Listed as air sampling type smoke detectors when used with a separately listed power supply and a fire alarm control unit.

NOTE: The fire alarm setting is set to a maximum 0.625%/ft.

*Rev. 06-18-2003



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JUNE 22, 2004**

*Listing Expires **June 30, 2005***

Authorized By: **DIANE K. AREND, Senior Deputy
Program Manager**